



IFW16

RAW SEQUENCE LISTING

DATE: 07/23/2004

PATENT APPLICATION: US/09/847,946B

TIME: 17:25:41

Input Set : N:\Crf4\07222004\I847846B.raw

Output Set: N:\CRF4\07232004\I847946B.raw

1 <110> APPLICANT: May, Michael J
 2 Ghosh, Sankar
 3 Findeis, Mark A
 4 Phillips, Kathryn
 5 Hannig, Gerhard
 6 <120> TITLE OF INVENTION: ANTI-INFLAMMATORY COMPOUNDS AND USES THEREOF
 7 <130> FILE REFERENCE: YAI-002
 C--> 8 <140> **CURRENT APPLICATION NUMBER: US/09/847,946B**
 9 <141> CURRENT FILING DATE: 2001-05-02
 10 <150> PRIOR APPLICATION NUMBER: 60/201,261
 11 <151> PRIOR FILING DATE: 2000-05-02
 12 <150> PRIOR APPLICATION NUMBER: 09/643,260
 13 <151> PRIOR FILING DATE: 2000-08-22
 14 <160> NUMBER OF SEQ ID NOS: 171
 15 <170> SOFTWARE: PatentIn Ver. 2.0
 17 <210> SEQ ID NO: 1
 18 <211> LENGTH: 2268
 19 <212> TYPE: DNA
 20 <213> ORGANISM: Artificial Sequence
 21 <220> FEATURE:
 22 <223> OTHER INFORMATION: Description of Artificial Sequence:wild-type IKK(
 23 NBD
 24 <400> SEQUENCE: 1
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 27 attgccatca agcagtgcgc gcaggagctc agcccccgga accgagagcg gtggtgcctg 180
 28 gagatccaga tcatgagaag gctgacccac cccaatgtgg tggetgcccg agatgtccct 240
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 30 ggaggagatc tccggaagta cctgaaccag tttgagaact gctgtggtct gcgggaaggt 360
 31 gccatcctca ccttgctgag tgacattgcc tctgcgctta gataccttca tgaaaacaga 420
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 33 atacacaaaa ttattgacct aggatatgcc aaggagctgg atcagggcag tctttgcaca 540
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 36 cccttcctcc ccaactggca gcccgtagcag tggcattcaa aagtgcggca gaagagttag 720
 37 gtggacattg ttgttagcga agacttgaat ggaacggtga agttttcaag ctctttaccc 780
 38 taccccaata atcttaacag tgtcctggct gagcgactgg agaagtggct gcaactgatg 840
 39 ctgatgtggc acccccgaca gaggggcacg gatcccacgt atgggcccac tggtgtcttc 900
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 43 ttgatccccg ataagcctgc cactcagtgt atttcagacg gcaagttaaa tgagggccac 1140
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p.6
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45      atctccccac ggcccccaacc tgaaagtgtc agctgtatcc ttcaagagcc caagaggaat 1260
46      ctgccttct tccagctgag gaaggtgtgg ggccaggtct ggcacagcat ccagaccctg 1320
47      aaggaagatt gcaaccggct gcagcagggg cagcgagccg ccatgatgaa tctcctccga 1380
48      aacaacagct gcctctccaa aatgaagaat tccatggctt ccatgtctca gcagctcaag 1440
49      gccaaagtgg atttcttcaa aaccagcatc cagattgacc tggagaagta cagcgagcaa 1500
50      accgagtttg ggatcacatc agataaactg ctgctggcct ggagggaaat ggagcaggct 1560
51      gtggagctct gtgggcggga gaacgaagtg aaactcctgg tagaacggat gatggctctg 1620
52      cagaccgaca ttgtggactt acagaggagc cccatggggc ggaagcaggg gggaacgctg 1680
53      gacgacctag aggagcaagc aagggagctg tacaggagac taagggaaaa acctcgagac 1740
54      cagcgaactg aggtgacag tcaggaaatg gtacggctgc tgcttcaggc aattcagagc 1800
55      ttcgagaaga aagtgcgagt gatctatacg cagctcagta aaactgtggt ttgcaagcag 1860
56      aaggcgctgg aactgttgcc caaggtggaa gaggtggtga gcttaatgaa tgaggatgag 1920
57      aagactgttg tccgctgca ggagaagcgg cagaaggagc tctggaatct cctgaagatt 1980
58      gctttagtagc aggtccgtgg tctgtcagt ggaagcccgg atagcatgaa tgectctcga 2040
59      cttagccagc ctgggcagct gatgtctcag cctccacgg cctccaacag cttacctgag 2100
60      ccagccaaga agagtgaaga actggtggct gaagcacata acctctgcac cctgctagaa 2160
61      aatgccatac aggacactgt gagggaaaca gaccagagtt tcacggccct agactggagc 2220
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65 <211> LENGTH: 6

66 <212> TYPE: PRT

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68 <220> FEATURE:

69 <223> OTHER INFORMATION: Description of Artificial Sequence:NBD peptide

70 <400> SEQUENCE: 2

71 Leu Asp Trp Ser Trp Leu

72 1 5

74 <210> SEQ ID NO: 3

75 <211> LENGTH: 6

76 <212> TYPE: PRT

77 <213> ORGANISM: Artificial Sequence

78 <220> FEATURE:

79 <223> OTHER INFORMATION: Description of Artificial Sequence:NBD peptide

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81 Leu Asp Ala Ser Ala Leu

82 1 5

84 <210> SEQ ID NO: 4

85 <211> LENGTH: 6

86 <212> TYPE: PRT

87 <213> ORGANISM: Artificial Sequence

88 <220> FEATURE:

89 <223> OTHER INFORMATION: Description of Artificial Sequence:NBD peptide

90 <400> SEQUENCE: 4

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92 1 5

94 <210> SEQ ID NO: 5

95 <211> LENGTH: 6

96 <212> TYPE: PRT

97 <213> ORGANISM: Artificial Sequence

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98 <220> FEATURE:

99 <223> OTHER INFORMATION: Description of Artificial Sequence:NBD peptide

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102 1 5

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105 <400> SEQUENCE: 6

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110 <212> TYPE: PRT

111 <213> ORGANISM: Artificial Sequence

112 <220> FEATURE:

113 <223> OTHER INFORMATION: Description of Artificial Sequence:NBD peptide

114 <400> SEQUENCE: 7

115 Leu Ala Trp Ser Trp Leu

116 1 5

118 <210> SEQ ID NO: 8

119 <211> LENGTH: 6

120 <212> TYPE: PRT

121 <213> ORGANISM: Artificial Sequence

122 <220> FEATURE:

123 <223> OTHER INFORMATION: Description of Artificial Sequence:NBD peptide

124 <400> SEQUENCE: 8

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126 1 5

128 <210> SEQ ID NO: 9

129 <211> LENGTH: 6

130 <212> TYPE: PRT

131 <213> ORGANISM: Artificial Sequence

132 <220> FEATURE:

133 <223> OTHER INFORMATION: Description of Artificial Sequence:NBD peptide

134 <400> SEQUENCE: 9

135 Leu Asn Trp Ser Trp Leu

136 1 5

138 <210> SEQ ID NO: 10

139 <211> LENGTH: 6

140 <212> TYPE: PRT

141 <213> ORGANISM: Artificial Sequence

142 <220> FEATURE:

143 <223> OTHER INFORMATION: Description of Artificial Sequence:NBD peptide

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145 Leu Asp Ala Ser Trp Leu

146 1 5

148 <210> SEQ ID NO: 11

149 <211> LENGTH: 6

150 <212> TYPE: PRT

151 <213> ORGANISM: Artificial Sequence

152 <220> FEATURE:

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Input Set : N:\Cr4\07222004\I847846B.raw

Output Set: N:\CRF4\07232004\I847946B.raw

153 <223> OTHER INFORMATION: Description of Artificial Sequence:NBD peptide
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156 1 5
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159 <211> LENGTH: 6
160 <212> TYPE: PRT
161 <213> ORGANISM: Artificial Sequence
162 <220> FEATURE:
163 <223> OTHER INFORMATION: Description of Artificial Sequence:NBD peptide
164 <400> SEQUENCE: 12
165 Leu Asp Tyr Ser Trp Leu
166 1 5
168 <210> SEQ ID NO: 13
169 <211> LENGTH: 6
170 <212> TYPE: PRT
171 <213> ORGANISM: Artificial Sequence
172 <220> FEATURE:
173 <223> OTHER INFORMATION: Description of Artificial Sequence:NBD peptide
174 <400> SEQUENCE: 13
175 Leu Asp Trp Ser Ala Leu
176 1 5
178 <210> SEQ ID NO: 14
179 <211> LENGTH: 6
180 <212> TYPE: PRT
181 <213> ORGANISM: Artificial Sequence
182 <220> FEATURE:
183 <223> OTHER INFORMATION: Description of Artificial Sequence:NBD peptide
184 <400> SEQUENCE: 14
185 Leu Asp Trp Ser Phe Leu
186 1 5
188 <210> SEQ ID NO: 15
189 <211> LENGTH: 6
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195 Leu Asp Trp Ser Tyr Leu
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198 <210> SEQ ID NO: 16
199 <211> LENGTH: 6
200 <212> TYPE: PRT
201 <213> ORGANISM: Artificial Sequence
202 <220> FEATURE:
203 <223> OTHER INFORMATION: Description of Artificial Sequence:NBD peptide
204 <400> SEQUENCE: 16
205 Leu Asp Trp Ala Trp Leu
206 1 5

RAW SEQUENCE LISTING

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Input Set : N:\Crf4\07222004\I847846B.raw

Output Set: N:\CRF4\07232004\I847946B.raw

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212 <220> FEATURE:
213 <223> OTHER INFORMATION: Description of Artificial Sequence:NBD peptide
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216         1             5
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219 <211> LENGTH: 28
220 <212> TYPE: PRT
221 <213> ORGANISM: Artificial Sequence
222 <220> FEATURE:
223 <223> OTHER INFORMATION: Description of Artificial Sequence:NBD peptide
224 <400> SEQUENCE: 18
225     Asp Arg Gln Ile Lys Ile Trp Phe Gln Asn Arg Arg Met Lys Trp Lys
226         1             5             10             15
227     Lys Thr Ala Leu Asp Trp Ser Trp Leu Gln Thr Glu
228         20             25
230 <210> SEQ ID NO: 19
231 <211> LENGTH: 28
232 <212> TYPE: PRT
233 <213> ORGANISM: Artificial Sequence
234 <220> FEATURE:
235 <223> OTHER INFORMATION: Description of Artificial Sequence:NBD peptide
236 <400> SEQUENCE: 19
237     Asp Arg Gln Ile Lys Ile Trp Phe Gln Asn Arg Arg Met Lys Trp Lys
238         1             5             10             15
239     Lys Thr Ala Leu Asp Ala Ser Ala Leu Gln Thr Glu
240         20             25
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243 <211> LENGTH: 30
244 <212> TYPE: DNA
245 <213> ORGANISM: Artificial Sequence
246 <220> FEATURE:
247 <223> OTHER INFORMATION: Description of Artificial Sequence:primer
248 <400> SEQUENCE: 20
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250                                     30
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252 <211> LENGTH: 31
253 <212> TYPE: DNA
254 <213> ORGANISM: Artificial Sequence
255 <220> FEATURE:
256 <223> OTHER INFORMATION: Description of Artificial Sequence:primer
257 <400> SEQUENCE: 21
258     gtacctcacg taactcatcg agctccagga t
259                                     31
260 <210> SEQ ID NO: 22
261 <211> LENGTH: 36

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RAW SEQUENCE LISTING ERROR SUMMARY DATE: 07/23/2004
PATENT APPLICATION: US/09/847,946B TIME: 17:25:42

Input Set : N:\Crf4\07222004\I847846B.raw
Output Set: N:\CRF4\07232004\I847946B.raw

Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:161; Xaa Pos. 1,20
Seq#:162; Xaa Pos. 1,24
Seq#:163; Xaa Pos. 1,20
Seq#:164; Xaa Pos. 1,24
Seq#:165; Xaa Pos. 1,24
Seq#:166; Xaa Pos. 1,15
Seq#:167; Xaa Pos. 1,15
Seq#:168; Xaa Pos. 1,15
Seq#:169; Xaa Pos. 1,19
Seq#:170; Xaa Pos. 1,19
Seq#:171; Xaa Pos. 1,19

VERIFICATION SUMMARY

DATE: 07/23/2004

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Input Set : N:\Crf4\07222004\I847846B.raw

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L:8 M:270 C: Current Application Number differs, Replaced Current Application Number
L:106 M:300 W: (50) Intentionally skipped Sequence, : Sequence Id (6) SEQUENCE:
L:1816 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:161 after pos.:0
M:341 Repeated in SeqNo=161
L:1837 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:162 after pos.:0
M:341 Repeated in SeqNo=162
L:1858 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:163 after pos.:0
M:341 Repeated in SeqNo=163
L:1879 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:164 after pos.:0
M:341 Repeated in SeqNo=164
L:1900 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:165 after pos.:0
M:341 Repeated in SeqNo=165
L:1921 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:166 after pos.:0
L:1940 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:167 after pos.:0
L:1959 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:168 after pos.:0
L:1978 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:169 after pos.:0
M:341 Repeated in SeqNo=169
L:1998 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:170 after pos.:0
M:341 Repeated in SeqNo=170
L:2018 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:171 after pos.:0
M:341 Repeated in SeqNo=171